

DIVISION OF
OIL, GAS & MINING

DEC 07 1981

Frank B. Adams

OIL OPERATOR

716 WILSON BUILDING

CORPUS CHRISTI, TEXAS 78476

512-884-9004

December 3, 1981

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: Cause 102-16 Hearing
FBA Nos. 3-341 & 4-341
Greater Cisco Area
Grand County, Utah

Attention: Mr. Michael T. Minder

Gentlemen:

Pursuant to our conversation concerning the spacing questions of the above two proposed locations, I am hereby submitting the USGS Form 9-331-C (APD) and surveyor's plat for the following wellsites:

Frank B. Adams No. 3-341
402' fsl & 2,071' fwl
Sec. 12 - 20s - 21e SLB&M
3,300' Entrada test

Frank B. Adams No. 4-341
760' fsl & 1,460' fwl
Sec. 12 - 20s - 21e SLB&M
3,400' Entrada test

These locations are in an area that is crossed by canyons, so surface locations must be selected accordingly. The No. 3-341 ended up 98' closer to the south lease line than the 500' property line requirement set out in Cause 102-16.

The No. 4-341 is alright as far as the property line is concerned but is 141' from the quarter section line instead of the required 300'.

I hereby request a hearing and seek to obtain State approval of these locations before proceeding with the USGS & BLM. Since both of the locations fall within the Horse Pasture winter deer range, I can not commence operations before April 1, 1982 but I would like to get the State hearing set as soon as you can do so.

Thank you for your assistance in this request.

Sincerely yours,

Frank B. Adams

FBA/g
encl-4

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒&/or GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Frank B. Adams

3. ADDRESS OF OPERATOR

716 Wilson Bldg., Corpus Christi, TX 78476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

402' fsl & 2,071' fel Section 12-20s-21e

At proposed prod. zone

(sw sw se)

Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

18 miles nnw from Cisco, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.

402'

(Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE

440 acs

17. NO. OF ACRES ASSIGNED
TO THIS WELL

10 ac (oil) 40 acs (gas)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

3,300' Entrada

20. ROTARY OR CABLE TOOLS

Rotary (Air)

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,340' Gr.

5,349' KB

22. APPROX. DATE WORK WILL START*

May 1, 1983

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-5/8ths	7-5/8th"	24#	180'	40 sacks surface
6 1/2"	4 1/2"	10.5#	3,300'	140 sacks 2% KCl

Federal Statewide Drilling Bond No. 72-0130-60-78 (USF&G)

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Frank B. Adams

TITLE Operator

December 2, 1981

(This space for Federal or State office use)

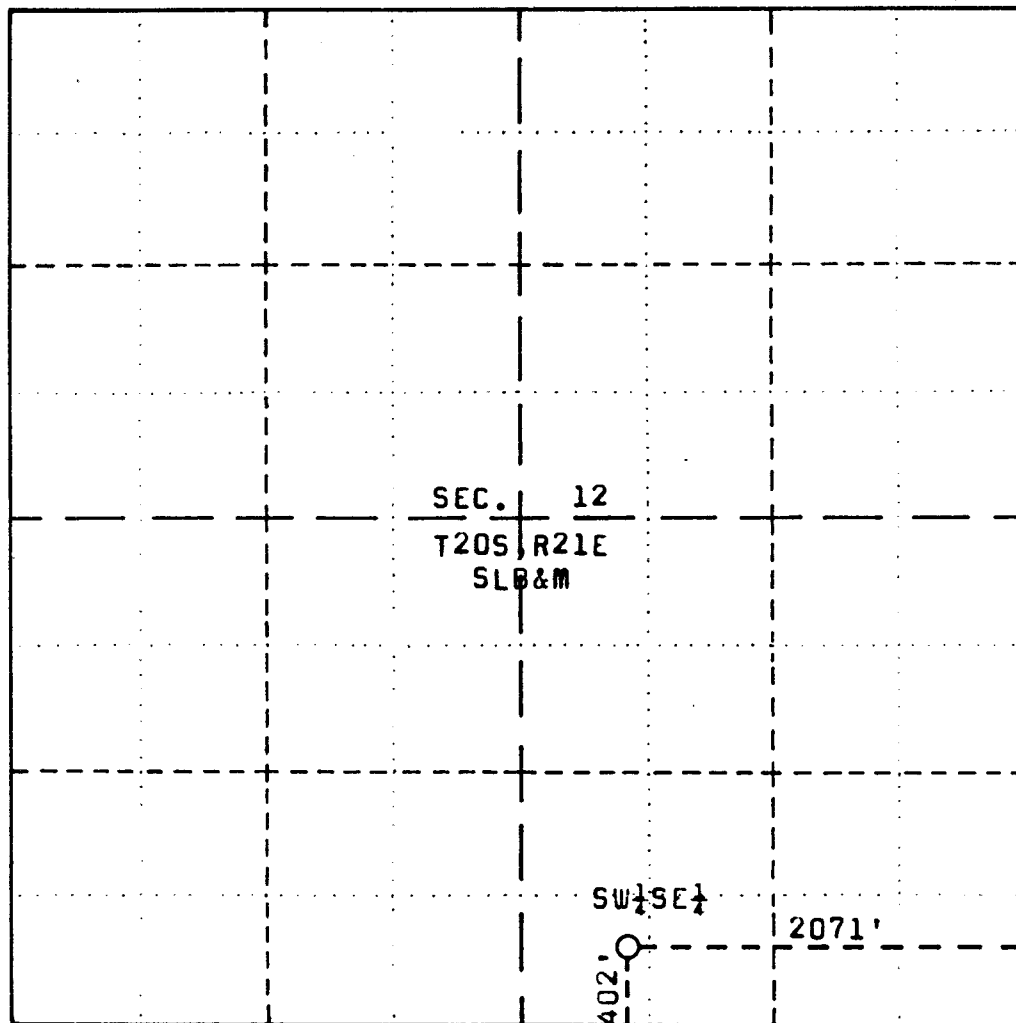
PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:



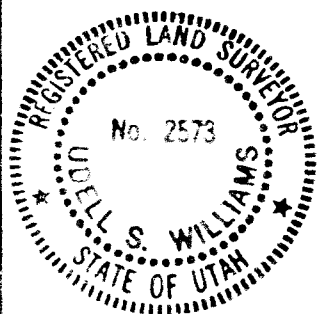
SCALE: 1" = 1000'

FRANK B. ADAMS FEDERAL #3-341

Located North 402 feet from the South boundary and West 2071 feet from the East boundary of Section 12, T20S, R21E, SLB&M.

Elev. 5340

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

UdeLL S. Williams
UTAH R.L.S. NO. 2573



UDELL S. WILLIAMS

751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

FRANK B. ADAMS FED. #3-341
SW 1/4 SE 1/4 SECTION 12
T20S, R21E, SLB&M

SURVEYED BY: USW DATE: 2/12/81
DRAWN BY: USW DATE: 2/12/81

Identification CER/EA No. 410-82

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

MINERALS MANAGEMENT
SERVICE
OIL & GAS OPERATIONS
RECEIVED

APR 15 1982

SALT LAKE CITY, UTAH

PROJECT IDENTIFICATION

Operator Frank Adams
Project Type Oil well - Development
Project Location 402 FSL 2071 FEL SEC 12 T20S R21E
Well No. 3-341 Lease No. U-26341
Date Project Submitted 3-8-82

FIELD INSPECTION

Date 4-7-82

Field Inspection
Participants

Craig Hansen mms
Cher Quorn Blm mark
Paul Brown " "
Frank Adams Adams

Related Environmental Documents: _____

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

4-16-82
Date Prepared

Craig Hansen
Environmental Scientist

I concur

Date

District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria DM 2.3.A	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
Public health safety	BIM 4-16-82 /						2	4-7-82 2,4,6	
Unique characteristics	/						2	2,4,6	
Environmentally controversial	/						2	2,4,6	
Identify and known risks	/						2	2,4,6	
Establishes precedents	/						2	2,4,6	
Relatively significant	/						2	2,4,6	
National Register historic places	/								
Endangered/ threatened species	/								
Violate Federal, state, local, tribal law	/								

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

Recommended Stipulations for Adams #3-341

1. Production facilities will be painted a color to blend in with the natural surroundings.
2. Topsoil will be placed on the south edge of the location.
3. Reserve pit will be shortened 50' and elongated 50' to north to accommodate drilling programs.
4. Trash cage will be used and removed upon completion of drilling operations.
5. A small diversion ditch will be placed on the north edge of the location to reduce erosion to produce.
6. Blowing lines will be misted.

ADDITIONS TO THE MULTIPOINT
SURFACE USE PLAN
AND
RECLAMATION PROCEDURES

CONSTRUCTION:

1. The operator or his contractor will contact the Grand Resource Area Office in Moab, Utah phone (801 259-6111) 48 hours prior to beginning any work on public land.
2. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
3. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
4. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
5. Improvement to the existing road will be necessary. The total disturbed width allowed will be as is.

New road construction will be limited to an allowable travel surface width of 18 feet. For construction design and survey refer to class III road standards attachment.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Surfacing material will not be placed on the access road or location without prior BLM approval.

6. Location: change pit location to lay on east side of pad with long axis running north-south.
7. The top 8 inches of soil material will be removed from the location and stockpiled on the south side of the location. Topsoil along the access will be reserved in place.
8. The reserve pit will not be lined with commercial bentonite or plastic sufficient to prevent seepage. Keyway. The reserve pit banks will be 1.5 to 2.0 feet above pad and constructed in 8" lifts, machinery compacted, and sufficiently wide for equipment to pass over.
9. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying. The fence will be 36 inch woven wire with one strand barbed wire on top.

PRODUCTION

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stockpiled topsoil will be used in reclaiming the unused areas.
2. All above-ground production facilities will be painted using the attached suggested colors.
3. The access will be to the design of a class III road.
4. A trash cage will be used for trash and hauled to a sanitary land fill. No burning will occur without a permit from the State Division of Forestry and Fire Control office in Moab.

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES AND ENERGY
in and for the STATE OF UTAH

3-341

4-341

IN THE MATTER OF THE APPLICATION)
OF FRANK B. ADAMS FOR AN EXCEPTION) ORDER
TO THE WILDCAT WELL SPACING PATTERN)
ESTABLISHED BY THE ORDER ISSUED IN) CAUSE NO. 102-39
CAUSE NO. 102-16B)

This cause came on for hearing before the Board of Oil, Gas and Mining at 1:00 p.m., on Thursday, January 28, 1982, in the State Office Building Auditorium, Salt Lake City, Utah, pursuant to an Order to Show Cause why an exception to the wildcat well spacing pattern established by the Order issued in Cause No. 102-16B should not be allowed.

The following Board Members were present:

Charles R. Henderson, Chairman

Edward T. Beck

E. Steele McIntyre

Robert R. Norman

John L. Bell

Margaret R. Bird

Herm Olsen

NOW, THEREFORE, the Board, being fully advised in the premises, finds as follows:

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties in the form and manner and within the time required by law and the rules and regulations of the Board;
2. No objections were received or appearances made entering objections to the application; and
3. There will be no violation of correlative rights by the granting of said application.


IT IS THEREFORE ORDERED BY THE BOARD THAT the application of Frank B. Adams be granted allowing an exception to the provisions of the Order issued in Cause No. 102-16B so as to permit the drilling of the No. 3-341 well 402 feet from the South line and 2071 feet from the East line and the No. 4-341 well 760 feet from the North line and 1460 feet from the West line of Section 12, Township 20 South, Range 21 East, SLM, Grand County, Utah.

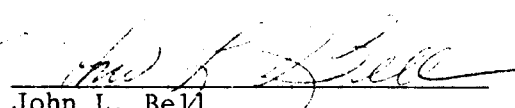
STATE OF UTAH
BOARD OF OIL, GAS AND MINING

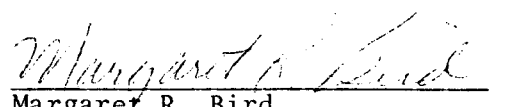
Charles R. Henderson, Chairman

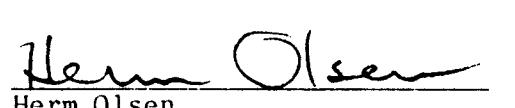
Edward T. Beck

E. Steele McIntyre


Robert R. Norman


John L. Bell


Margaret R. Bird


Herm Olsen

Frank B. Adams

OIL OPERATOR

716 WILSON BUILDING
CORPUS CHRISTI, TEXAS 78476

512-884-9004

March 5, 1982

The District Engineer
U. S. Geological Survey
2000 Administration Building
Salt Lake City, Utah 84104

RECEIVED
MAR 08 1982

Re: APD 9-331-C
Grand County, Utah

**DIVISION OF
OIL, GAS & MINING**

Gentlemen:

Enclosed in triplicate are Forms 9-331-C "Application to Drill" the following wells:

Frank B. Adams No. 3-341
sw se 12-20s 21e SLB&M
Cisco Dome Field
Grand County, Utah

Frank B. Adams No. 4-341
sw nw 12-20s 21e SLB&M
Cisco Dome Field
Grand County, Utah

All of the above locations are on Federal Lease U-26341 and my operations are covered by a Statewide Federal Drilling Bond, No. 72-0130-60-78 (USF&G). The undersigned is record owner of the above noted lease.

Also attached is a copy of Utah Oil, Gas & Mining's Cause No. 102-39 approving the spacing of each of these locations.

The other supporting papers are attached and I would appreciate conducting the on-site inspections for the two locations on the same day, since they are near each other.

Thank you for your early attention to the enclosed.

Yours very truly,

FRANK B. ADAMS, OIL OPERATOR

Frank B. Adams

Frank B. Adams

FBA/jbg
Enclosures

cc: Utah Oil & Gas Commission ✓

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
 OIL WELL ☒ &/or GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
 Frank B. Adams

3. ADDRESS OF OPERATOR
 716 Wilson Bldg., Corpus Christi, TX 78476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
 At surface 402' fsl & 2,071' fel Section 12-20s-21e
 At proposed prod. zone (sw sw se) Same as above *swse*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 18 miles nnw from Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 402' (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE
 440 acs

17. NO. OF ACRES ASSIGNED TO THIS WELL
 10 ac (oil) 40 acs (gas)

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 NA

19. PROPOSED DEPTH
 3,300' Entrada

20. ROTARY OR CABLE TOOLS
 Rotary (Air)

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 5,340' Gr. 5,349' KB

22. APPROX. DATE WORK WILL START*
 May 1, 1982

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-5/8ths	7-5/8th"	24#	180'	40 sacks to surface
6 1/2"	4 1/2"	10.5#	3,300'	140 sacks 2% KCl

Federal Statewide Drilling Bond No. 72-0130-60-78 (USF&G)

RECEIVED
MAR 08 1982

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 3/10/82
BY: *[Signature]*

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

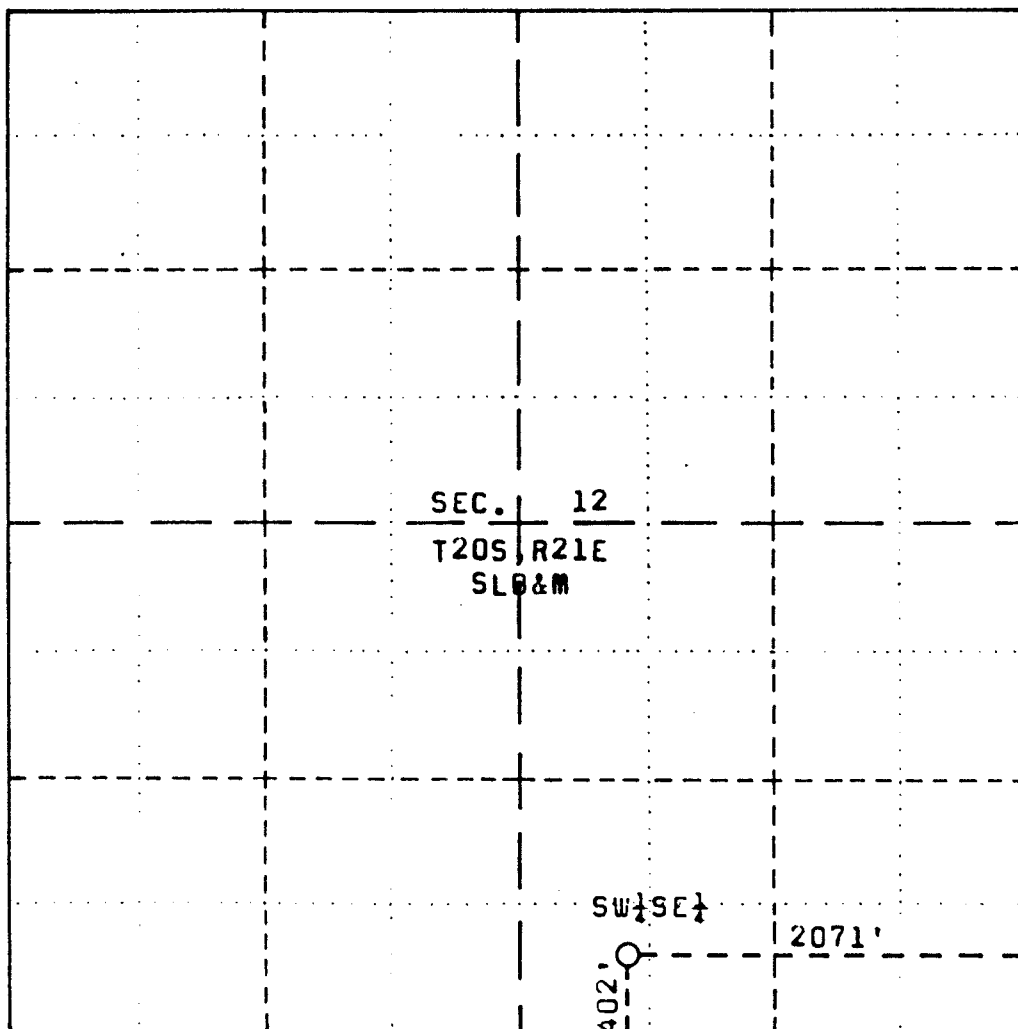
24. SIGNED *Frank B. Adams* TITLE Operator DATE March 2, 1982

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:



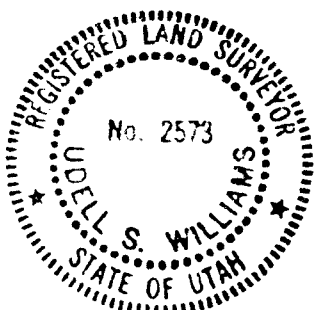
SCALE: 1" = 1000'

FRANK B. ADAMS FEDERAL #3-341

Located North 402 feet from the South boundary and West 2071 feet from the East boundary of Section 12, T20S, R21E, SLB&M.

Elev. 5340

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

Udell S. Williams
UTAH R.L.S. NO. 2573



UDELL S. WILLIAMS

751 Rood Avenue
GRAND JUNCTION, COLORADO 81501

PLAT OF
PROPOSED LOCATION

FRANK B. ADAMS FED. #3-341
SW 1/4 SE 1/4 SECTION 12
T20S, R21E, SLB&M

SURVEYED BY: USW DATE: 2/12/81
DRAWN BY: USW DATE: 2/12/81

Frank B. Adams

OIL OPERATOR

March 1, 1982

716 WILSON BUILDING
CORPUS CHRISTI, TEXAS 78476

512-884-9004

Ten point plan to comply with NTL-6
(Supplement to 9-331 C)

Well Name: Frank B. Adams No. 3-341
sw se 12 - 20s - 21e SLB&M
Federal Oil & Gas Lease U-26341
Grand County, Utah

1. Geological name of surface formation

Mancus shale

2. Estimated tops of important geological markers

Base of Dakota silt	2,305'
Morrison	2,510'
Salt Wash	2,825'
Entrada	3,120'

3. Estimated depth at which water, oil and/or gas is anticipated

Water - from scattered gravel beds from surface to 100', if any

Oil or gas - any of the geological sections noted above

4. Proposed casing program

See Paragraph 23 of 9-331 C

5. Pressure control details

- a. Shaffer double BOP with rams 3,000 psi (Hyd closing unit) tested to 1,000 psi after surface pipe is cemented, then daily thereafter
- b. Grant rotating head above BOP
- c. Full shut-off valve on wellhead and exhaust line, see attached diagram

6. Drilling mud and weight material program

Plans call for air drilling to total depth, adding soap to mist if necessary. If excessive formation water, oil or gas is encountered, the hole will be mudded up with 100 Vis. 8.2 to 10# starch base drilling mud with KCL added. Well will then be drilled to total depth.

If total depth is reached with air and/or mist, the same mud up program will be followed to condition the hole for logging. Mud will be mixed and ready for use before reaching the Dakota formation, the first prospective pay zone.

7. Auxillary equipment

- | | |
|------------------------------------|--|
| a. Demco kelly cocks | b. Check valve above bit |
| c. Visual monitoring of mud system | d. Sub on rig floor with full opening valve, to be stabbed into drill pipe when kelly is out of the drill string |

8. Testing and logging program

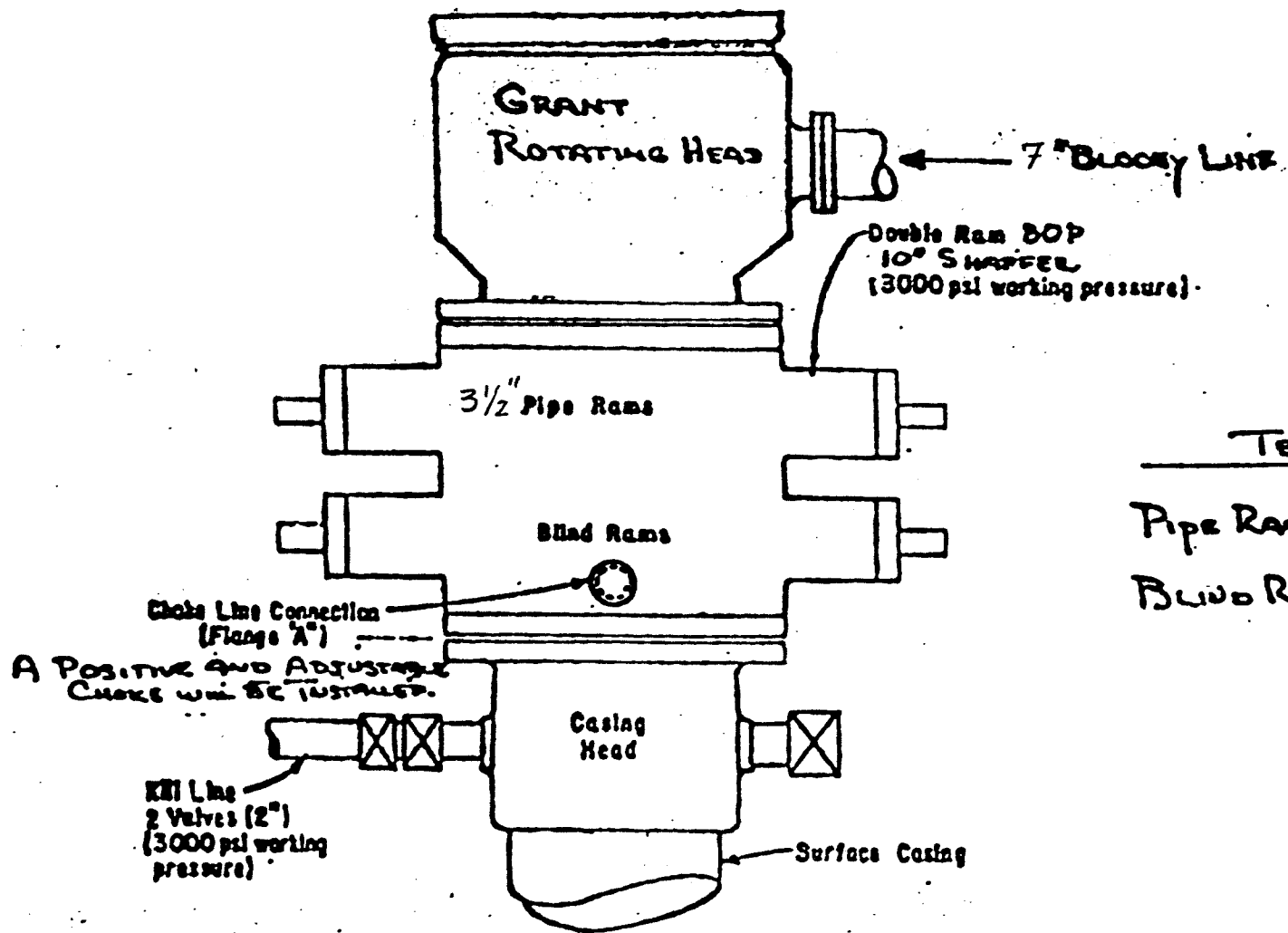
- a. No formation tests anticipated
- b. Cuttings to be examined for hydrocarbon shows
- c. Exhaust line to be equipped with flare to ignite any hydrocarbons as they might occur
- d. Dual induction and density log to be run to total depth if hole conditions permit

9. Anticipated abnormal pressures or temperatures

No abnormal conditions expected - estimated bottom hole pressure for the area is about 35% of total depth, i.e., @ 3,000' a bottom hole pressure of 1,050# could be expected, the surface pressure would be less. No toxic gases, such as H_2S are expected.

10. Anticipated starting date and duration of operations

On or about June 1, 1982. Area not open to drilling until after March 31st due to its location in the Horse Pasture winter deer range. Once commenced the entire drilling operation will not exceed two weeks.



TESTING FREQUENCY

Pipe Rams: Daily

Blind Rams: Every Trip

BLOWOUT PREVENTION DIAGRAM

Frank B. Adams No. 3-341
sw se 12-20s-21e SLB&M
Grand County, Utah
Federal Lease U-26341

Frank B. Adams

OIL OPERATOR

March 3, 1982

716 WILSON BUILDING
CORPUS CHRISTI, TEXAS 78476

512-884-9004

Re: Frank B. Adams No. 3-341 (U-26341)
sw se 12-20s 21e SLB&M
Greater Cisco Area, Grand County, Utah

Surface Use Plan (NTL-6)

1. Existing roads

- a. Proposed location shown on attached plat - Exhibit "A"
- b. Frank B. Adams No. 3-341 is located approximately 17 miles west of Cisco, Utah out the Cunningham Ranch road.
- c. An established service road serving Supron's Nos. 1 and 2 goes past the proposed location about 500' to the east. This road is color coded on Exhibit "A" and detailed on attached Exhibit "B".
- d. This well is classified as a development well.
- e. Existing roads within a one mile radius are shown on Exhibit "A" and operator will follow this road to the point of leaving same to the proposed location.
- f. The existing road is unimproved native dirt roads maintained by Supron for their operations and this operator will assist in maintenance during his drilling operations.

2. Planned access road

Leave Supron road at a point 500' north of the location then west about 500' to avoid a deep draw, then swing south about 500' to location. The route is flagged and would require no cuts or fills and the road would be bladed 16' wide and no more than 3" deep in native soil. There are no gates or fences along the proposed access. The proposed location has natural drainage.

3. Location of existing wells

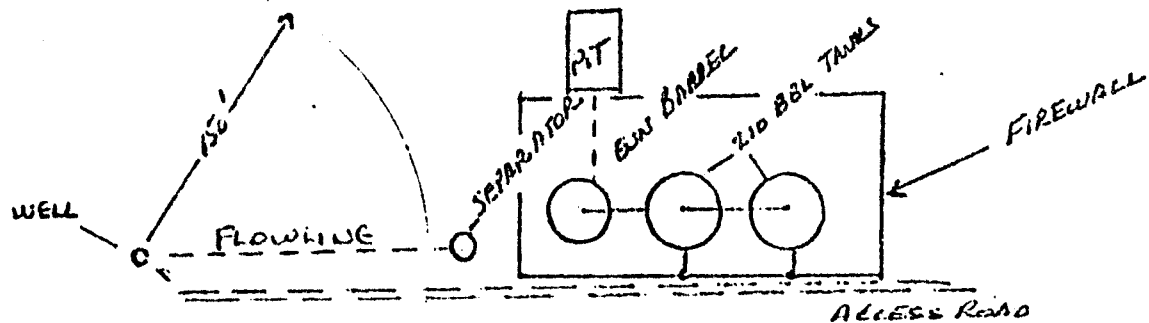
- a. Exhibit "A" shows there are 3 gas wells and 1 oil well within a one mile radius of the proposed location.
- b. There are no water wells in the area.

4. Location of existing and/or proposed producing facilities

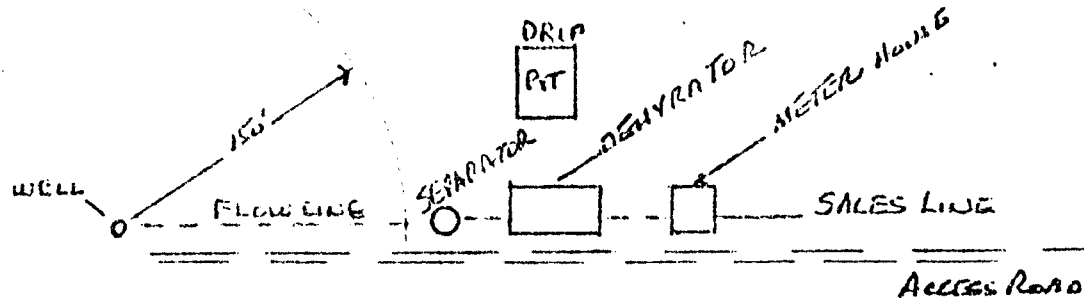
- a. Operator does not own or control any facilities within a one mile radius of the proposed location.

b. N/A

- c. In the event of oil production, a producing facility as shown below will be constructed on the edge of the pad. Storage tanks will be welded 210 barrel steel connected by a catwalk and overflow lines. Oil produced will be removed by tank truck. A fire wall around the battery will be designed to contain the total volume of all storage within the fire wall plus 25%. All surface equipment will be painted "Desert Tan" to conform with BLM requirements.



In the event of gas production, producing facilities will consist of a separator, dehydrator, meter house and sales line. A typical set up is shown below:



In addition to the facilities shown above, pits and tanks will be fenced to turn livestock common to the area.

- d. Rehabilitation of all disturbed areas no longer needed after operations are completed, will be restored to a smooth contour and all debris will be cleaned up. Pits will be back filled and smoothed after drilling operations are concluded, not to exceed thirty days. The whole area will be stabilized with reseeding during October and November.

5. Location and type of water supply

- a. Water to be used for the drilling of the above noted well will be obtained from a slump in a creek bed located on land owned by the Cunninghams in Section 15 (See Exhibit "A"). Mr. Cunningham sells water to the various drilling contractors in the area and my contractor, Starnier Drilling Company has an arrangement to buy water at a certain price per load.

- b. This water will be transported by an 80 barrel water truck owned by Starner over existing roads to the location. This test will be air drilled and the water requirements probably will not exceed 200 barrels.
- c. Since there is little subsurface water in this area there are no plans to drill a water well on the lease.

6. Source of construction materials

- a. No construction materials, such as, sand, gravel and soil will be required other than native material found in place on the location.
- b. No Federal or Indian lands will be the source of construction materials, if any are needed.
- c. In the event of oil production, a gravel pad will be used under the tank battery and such gravel will be hauled to the location by private contractor.
- d. Does not apply since no materials will be from Federal or Indian lands.

7. Methods of handling waste disposal

- a. Cuttings - returns from air drilling will be exhausted into a pit at the end of the exhaust line, with dust being controlled by injecting a mist into the exhaust line. After operations are completed, the pit will be back filled and covered. This pit will be located at least 125' from the wellhead.
- b. Drilling fluids - to be contained in two 10' x 20' steel mud tanks. A reserve pit will be dug to contain any excess flow from the well that might occur during drilling, cementing and/or completion operations. The pits will be back filled after operations are completed except those needed in connection with the production of oil or gas. If pits are too wet to back fill, they will be fenced until such time as they are filled. Pits to be used in connection with production will be fenced.
- c. Produced fluids, such as oil and water - oil will be properly stored in tanks erected for that purpose and water will be diverted into a pit and be disposed of as required by the amounts involved. NTL-2B will be followed in the disposition of produced fluids.
- d. Sewerage - a chemical toilet will be provided on the location for use by personnel.
- e. Garbage and other waste material - a 10' x 10' x 6' trash pit will be constructed and surrounded by small mesh wire for use as a burn pit. Empty drums will be on location to contain loose trash before burning.
- f. Well site clean up - well site and pad will be properly cleaned up and restored to a smooth contour when operations are completed and drilling rig is moved off location. This task will occur within 30 days after

the pad is cleared. The only part of the pad that will be kept in use is that associated with producing facilities. In the event of a dryhole, only the required dryhole marker will remain.

8. Ancillary facilities

There will be no field camp nor is an airstrip required for this operation.

9. Well site layout

- a. A plat on a 1" = 50' is attached to this plan as Exhibit "C" which shows the following:
 1. Cross-section of drill pad is not shown since the rise in elevation is nil and no cuts or fills will be required to set up the rig.
 2. Location of mud tanks, reserve pit, burn pit and trash pit shown, as well as pipe racks, living facilities and soil stockpile.
 3. Rig orientation, parking areas and access road is also shown.
 4. Pits shown are unlined.

10. Plans to restore the surface

- a. Upon completion, the entire pad not needed to produce the well will be restored, including backfilling and leveling of pits, waste disposed of and spoils material segregated, if required. The pad will then be contoured to its original contours.
- b. If the well is abandoned, the pad and access road will be revegetated and rehabilitated during the month of October or November as required by the BLM.
- c. Any remaining pits will be fenced and maintained after the location is cleared if the well is productive.
- d. If there is any oil on the pits, it will either be removed by truck or covered, then the pits will be flagged on the surface.
- e. Commencement and completion of rehabilitation operations will be completed during the month of October or November, weather permitting.

11. Other information

- a. This location is located on a level area between a series of washes and hills. The surface is raw Mesa Verde shale with some scattered boulders and sparse vegetation, consisting of some sage and cedar brush. Lack of ground cover limits this area to a few coyotes, deer and cottontails.
- b. From time to time, the surface is leased to cattlemen for grazing purposes by the BLM.

- c. The proximity of water has been noted in Paragraph 5 above. The nearest occupied buildings (dwellings) are located at the Cunningham Ranch headquarters, some two to three miles to the west.
- d. There are no known archeological, historical or cultural sites in the area. The surface management is under the jurisdiction of the Moab District of the BLM.

12. Operators representatives

Frank B. Adams
718 Wilson Building
Corpus Christi, Texas, 78476

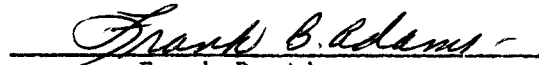
(512) 884-9004

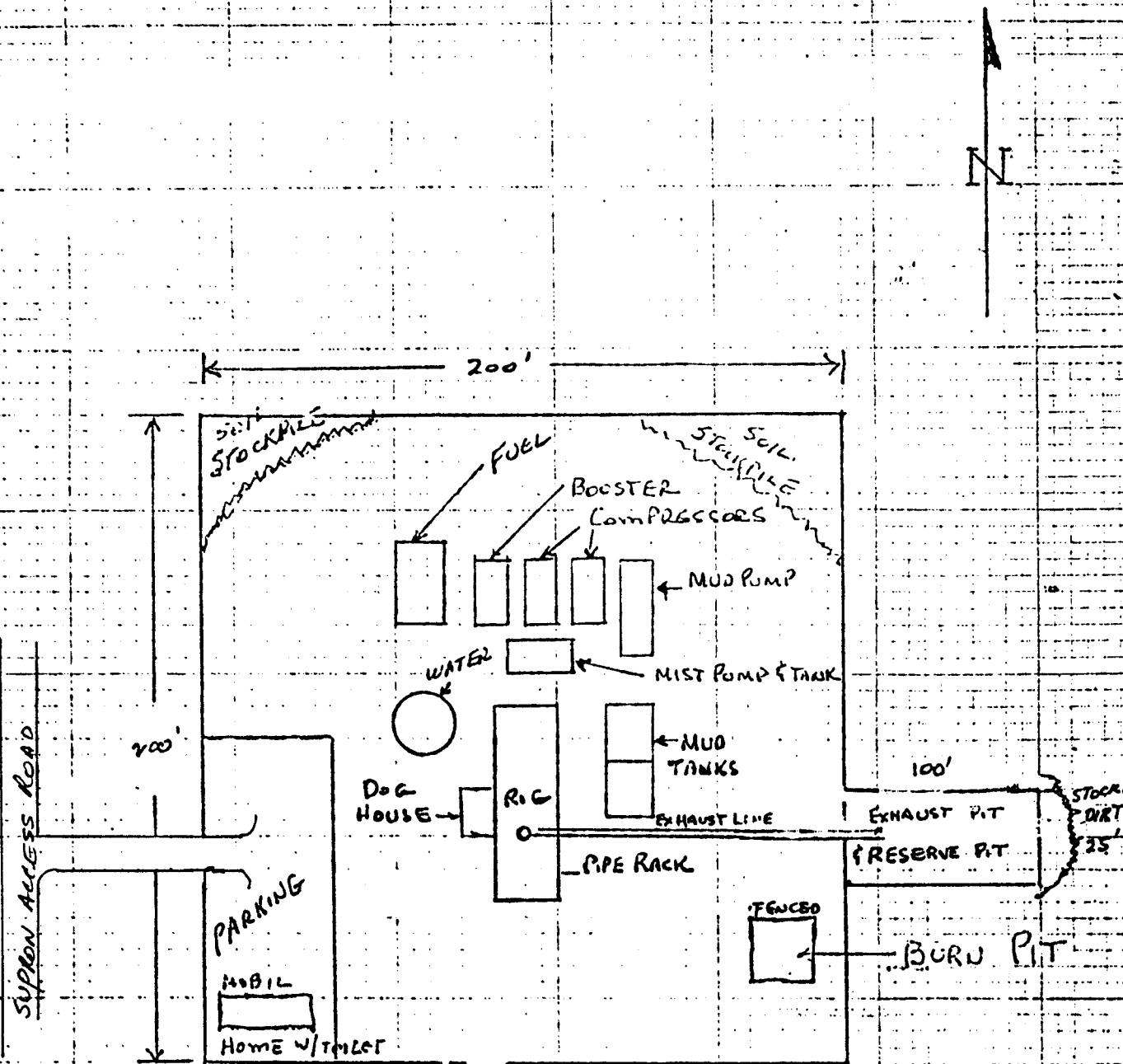
M. L. Oldham
P. O. Box 1101
Fruita, Colorado, 81521

(303) 858-3481

13. Certification

I hereby certify that I was present when the location was surveyed and selected the proposed access road route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed here will be performed by Frank B. Adams and his contractors and subcontractors in conformity with this plan and the terms and conditions under which it might be approved.

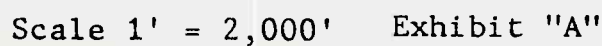

Frank B. Adams



Drilling Rig Layout

Starner Drilling Co. Rig No. 3
 P. O. Box 1868
 Grand Junction, CO 81502
 Scale 1" = 50'

Frank B. Adams No. 3-341
 sw se 12-20s-21e-SLB&M
 Grand County, Utah
 Federal Lease U-26341
 Exhibit "C"



☀ z

0-5

Federal Lse U-26341

4-341

 $AA \square AC$

Adams 1-341

4102140

3-BA

USA Surface And Minerals

1. Width - 16' max
2. No grade necessary
3. No turnouts required
4. Natural drainage
5. Arculvert required between Supron road and location
6. Surface material - native bladed no more than 3" deep
7. No gates or fence cut or cattle guard needed
8. Proposed road is center flagged

Frank B. Adams No. 3-341
sw se 12-20s-21e-SLB&M
Grand County, Utah

Scale 1" = 1,000'

Exhibit "B"

**** FILE NOTATIONS ****

DATE: 3-9-82

OPERATOR: Frank B. Adams

WELL NO: Ind. 3 341

Location: Sec. 12 T. 20S R. 21E County: Grand

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-019-30933

CHECKED BY:

Petroleum Engineer: _____

Director: OK as per order below

Administrative Aide: OK as per order below

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. 102-39 1/28/82

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Ind.

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒

P.I. ☒

March 11, 1982

Frank B. Adams
716 Wilson Bldg.
Corpus Christi, Texas 78476

RE: Well No. ~~8684~~ 8684ral #3-341,
Sec. 12, T. 20S, R. 21E,
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to O/G well is hereby granted in accordance with the Order issued in Cause No. 102-39, dated January 28, 1982.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30933.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/db
CC: Minerals Management Service
Enclosure



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
Grand Resource Area
P. O. Box M
Moab, Utah 84532

IN REPLY REFER TO

3109
U-26341
(U-068)

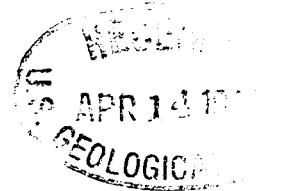
APR 12 1982

Memorandum

To: Minerals Management Service
Oil & Gas Operations
P. O. Box 1037
Vernal, Utah 84078

From: Area Manager, Grand

Subject: Permit to Drill (APD) U-26341
Adams 3-341
Section 12, T. 20 S., R. 21 E.
Grand County, Utah



On April 7, 1982 a representative from this office met with Cody Hansen, MMS, and Frank B. Adams for an inspection of the above referenced location. Subject to the attached conditions and written approval from MMS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to Frank B. Adams.

Enclosures: (4)
1-Reclamation Procedures
2-Seed Mixture
3-Suggested Colors - Production Facilities
4-Class III Road Standards

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL WELL ☒ &/or GAS WELL ☒

OTHER

SINGLE ZONE ☐MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Frank B. Adams

3. ADDRESS OF OPERATOR

716 Wilson Bldg., Corpus Christi, TX 78476

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

402' fsl & 2,071' fel Section 12-20s-21e

At proposed prod. zone (sw sw se)

Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

18 miles nnw from Cisco, Utah

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

402'

16. NO. OF ACRES IN LEASE

440 acs

17. NO. OF ACRES ASSIGNED

TO THIS WELL
10 ac (oil) 40 acs (gas)18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

NA

19. PROPOSED DEPTH

3,300' Entrada

20. ROTARY OR CABLE TOOLS

Rotary (Air)

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5,340' Gr. 5,349' KB

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9-5/8ths	7-5/8th"	24#	180'	40 sx to surface
6 1/2"	4 1/2"	10.5#	3,300'	140 sx + 2% KCL

Federal Statewide Drilling Bond No. 72-0130-60-78 (USF&G)

RECEIVED
APR 29 1982DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depth. Give blowout preventer program, if any.

24.

SIGNED

Frank B. Adams

TITLE

Operator

DATE

March 2, 1982

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

[Signature]

FOR E. W. GYNN

TITLE DISTRICT OIL & GAS SUPERVISOR

DATE

APR 29 1982

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

*[Signature]**See Instructions On Reverse Side
CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

NOTICE OF SPUD

Company: Frank B Adams

Caller: Frank Adams

Phone: _____

Well Number: 3-341

Location: EW SE Sec. 12-205-21E

County: Grand State: Utah

Lease Number: U-216341

Lease Expiration Date: _____

Unit Name (If Applicable): _____

Date & Time Spudded: 6-6-82 7:00 AM

Dry Hole Spudder Rotary: _____

Details of Spud (Hole, Casing, Cement, etc.) 225' 9 5/8" hole

Set 206' 7 7/8" 26 lb casing

Cement surface w/ 71 s/s

Tested BOP to 1000 lb. for 15 min.

Rotary Rig Name & Number: Langston Exploration # 7

Approximate Date Rotary Moves In: 6-5-82

FOLLOW WITH SUNDRY NOTICE

Call Received By: DeLois

Date: 6-7-82

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: FRANK B ADAMS

WELL NAME: Federal 3-341

SECTION SWSE 12 TOWNSHIP 20 S RANGE 21 E COUNTY Grand

DRILLING CONTRACTOR Layton Exploration

RIG # 7

SPUDDED: DATE 6-07-82

TIME 7:00 AM

How Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Frank Adams

TELEPHONE # 303-243-6790 (Holiday Inn, Grand Junction, Colo.)

DATE June 7, 1982 SIGNED AS

ORAL APPROVAL TO PLUG AND ABANDON WELL

Operator FRANK ADAMS Representative _____

Well No. Adams 3-341 Location SW 1/4 SE 1/4 Section 12 Township 20 S Range 21 E

County Garfield Field _____ State Utah

Unit Name and
Required Depth 3018 Base of fresh water sands _____

T.D. _____ Size hole and
Fill per sack _____ " _____ Mud Weight
' and Top _____ #/gal. _____

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>9 5/8</u>	<u>206'</u>	<u>surface</u>	_____	<u>2490</u>	<u>2290</u>	<u>60</u>
_____	_____	_____	_____	<u>8.8 plugging mud blow plug - Mist drilled to TD</u>		
<u>Formation</u>	<u>Top</u>	<u>Base</u>	<u>Shows</u>	<u>261</u>	<u>161</u>	<u>10 to surface</u>
<u>Dakota</u>	<u>2390'</u>	_____	_____	_____	_____	_____
<u>Cedar Mtn.</u>	<u>2600'</u>	_____	_____	_____	_____	_____
<u>Morrison</u>	<u>2750'</u>	_____	_____	_____	_____	_____
<u>Salt Wash</u>	<u>2882'</u>	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

REMARKS

DST's, lost circulation zones, water zones, etc., _____

Approved by C. B. Feight Date 6-12-82 Time _____ a.m.
p.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☐ other ☐ P & A ☐
2. NAME OF OPERATOR
Frank B. Adams
3. ADDRESS OF OPERATOR
718 Wilson Bldg., Corpus Christi, Tx, 78476
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 402' FSL & 2,071' FEL -12-20S-21E
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH: Same as Above
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☒
(other) ☐

☐
☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE
U-26341

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
#3-341

10. FIELD OR WILDCAT NAME
Greater Cisco Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
12-20S-21E SLB&M

12. COUNTY OR PARISH
Grand

13. STATE
Utah

14. API NO.
43-019-30933

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5,349' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plug #1 2290' - 2490' w/60 sxs (Western)
#2 260' - 160' w/25 sxs
#3 Surface w/10 sxs
Hole filled w/8.8# mud, 84 Vis. below & between plugs

Verbal permission - State 6/12/82 and USGS 6/12/82

Site to be restored & reseeded and re dry hole marker installed

DATE
BY:

7/8/82
[Signature]

Subsurface Safety Valve: Manu. and Type

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Frank B. Adams TITLE Operator

DATE 6-30-82

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

15

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input checked="" type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR Frank B. Adams							
3. ADDRESS OF OPERATOR 718 Wilson Bldg., Corpus Christi, Texas, 78476							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 402' FSL & 2,071' FEL, Sec. 12 - T20S, R21E, SLBAM At top prod. interval reported below At total depth Same as Above							
14. PERMIT NO. 43-019-30933			DATE ISSUED 4-28-82				
5. LEASE DESIGNATION AND SERIAL NO. U-26341		6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
7. UNIT AGREEMENT NAME		8. EARN OR LEASE NAME Federal					
9. WELL NO. #5341		10. FIELD AND POOL, OR WILDCAT Greater Cisco Area					
11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA SW SE 12 - 20S - 21E - SLB8		12. COUNTY OR PARISH Grand		13. STATE Utah			
15. DATE SPUDDED 6-05-82		16. DATE T.D. REACHED 6-11-82		17. DATE COMPL. (Ready to prod.) P & A 6-12-82		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5,349' KB	
19. ELEV. CASINGHEAD n/a		20. TOTAL DEPTH, MD & TVD 3,017'		21. PLUG, BACK T.D., MD & TVD P & A		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* P & A		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction & CDL/CNL (Gearhart)	
27. WAS WELL CORRED No		28. CASING RECORD (Report all strings set in well)					
CASING SIZE 7 5/8"		WEIGHT, LB./FT. 26#		DEPTH SET (MD) 211'		HOLE SIZE 9 5/8"	
CEMENTING RECORD 70 sxs to surface + 3% KCL (Western)		AMOUNT PULLED None					
P & A - No		production string run					
29. LINER RECORD				30. TUBING RECORD			
SIZE n/a		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
31. PLUGGING RECORD (Interval, size and number) Plugging Record (1) 2290' - 2490' w/60 sxs (Western) (2) 260' - 160' w/25 sxs (3) Surface Plug w/10 sxs Hole filled w/8.8# mud, 84 Vis.		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED					
33. PRODUCTION DATE FIRST PRODUCTION P & A PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) WELL STATUS (Producing or shut-in) P & A DATE OF TEST n/a HOURS TESTED CHOKE SIZE PROD'N. FOR TEST PERIOD OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO FLOW. TUBING PRESS. n/a CASING PRESSURE CALCULATED 24-HOUR RATE OIL—BBL. GAS—MCF. WATER—BBL. OIL GRAVITY-API (CORR.)							
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) n/a				TEST WITNESSED BY			
35. LIST OF ATTACHMENTS Electric Logs direct from Gearhart to USGS & State of Utah							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Frank B. Adams		TITLE Operator		DATE 6-30-82			

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
Mancus							
Dakota	2390'	2364'					
Morrison	2750'						
Salt Wash	2882'						

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: Frank B. Adams #3-341
Operator: Frank B. Adams Address: 718 Wilson Building
Corpus Christi, Texas, 78476
Contractor: Layton Exploration Rig #7 Address: Grand Junction, Colorado
Location SW 1/4 SE 1/4; Sec. 12 T. 20S N, R. 21E E; Grand County.
S W

Water Sands:

<u>Depth:</u>		<u>Volume:</u>	<u>Quality:</u>
From-	To-	Flow Rate or Head	Fresh or Salty
1. <u>Surface</u>	<u>2600'</u>	<u>2 Bbls/Hr</u>	<u>Salty</u>
2. <u>2600'</u>	<u>3017'</u>	<u>Misted to TD - no increase noted</u>	
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____

(Continue on Reverse Side if Necessary)

Formation Tops:

Dakota - 2,390'; Morrison - 2,750'; Saltwash - 2,882'

Remarks:

- NOTE: (a) Upon diminishing supply of forms, please inform this office.
(b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure.
(c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.